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SIMULATION METHOD

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ABSTRACT

PURPOSE: To shorten the software development time of a target machine by switching the input/output processing for simulation to that of a host machine when an input/output processing request is issued to a simulator which is operated under a load module for simulation.

CONSTITUTION: A source program 1 is converted to an object program 2 by a compiler 10, and a load module 5 linked to a target machine input/output library 3 only for simulation by a linker 4 is used by a simulator 6. When an input/output processing request *printf*(ABC) is issued on the way of simulation, the simulator 6 is interrupted. A stack 9 is checked, and a corresponding library is used to display ABC on a CRT display device 14 of the host machine in time sharing.